Ravi Raj

Cyber Security Enthusiast

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Career Objective

A passionate Cyber Security student with strong hands-on experience in tools like Burp Suite, Nmap, and Linux. I have solved 20+ labs on PortSwigger and built real-world projects like a Malware Detection Lab. Seeking opportunities to enhance my skills in cybersecurity and contribute to real-world security solutions.

Education

Bachelor of Technology (B.Tech) in Computer Science Engineering

Galgotias University

Greater Noida

2023 – 2027

CGPA: 8.3

Senior Secondary (12th)

Mother Tressa High School ,Bihar (Nalanda)

83%

Secondary (10th)

Mother Teresa High School , Bihar (Nalanda)

82%

Skills

Technical Skills

- **Programming Language:** Java , JS , HTML
- **Cyber Security Skills:** Bug Bounty, Web Security Testing
- **Tools:** Burp Suite, Nmap
- **Operating System:** Linux , Windows

Soft Skills

- Problem Solving
- Analytical Thinking

- Learning Ability
- Communication

Projects

Malware Detection Lab | Python, Flask

- Developed a malware detection system using multiple threat intelligence APIs
- Integrated:
    - VirusTotal API (file & URL scanning)
    - AlienVault OTX API (threat intelligence)
    - URLhaus API (malicious URL detection)
    - MalwareBazaar API (malware hash detection)
- Implemented YARA rules for malware pattern detection
- Used SQLite database for storing scan results
- Applied Machine Learning model for enhanced detection accuracy

Knowmads – Study Management Web App | React

- Built a smart study planner web application
- Features include subject management, progress tracking, and dashboard system
- Focused on user-friendly UI and productivity

Internship / Experience

AICTE Juniper Networking Cloud Virtual Internship

- Gained knowledge of cloud networking and infrastructure
- Learned real-world networking concepts and security basics

Achievements

- Solved **20+ labs on PortSwigger (Web Security Academy)**
- Strong hands-on practice in **Burp Suite and Bug Bounty concepts**